



## Harmonic Delivers More Bandwidth to the Home With New DWDM Transmitters

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PWRLink(TM) 1310 DWDM Forward Path Transmitters Ideal for Cable  
Network Segmentation

SUNNYVALE, Calif.--(BUSINESS WIRE)--Feb. 14, 2008--Harmonic Inc. (NASDAQ:HLIT) today expanded its PWRLink(TM) transmitter family with the introduction of 1310 nm dense wave division multiplexing (DWDM) forward path transmitters that make it possible to deliver significantly more bandwidth to the home using the existing hybrid fiber-coaxial (HFC) cable network. Without adding new fiber, cable operators can use Harmonic's scalable DWDM transmitters to combine up to eight wavelengths to deliver traffic to segmented nodes.

Operators are faced with an increasing demand for downstream bandwidth in order to provision services such as more high definition (HD) television channels, video-on-demand (VOD), high-speed Internet and gaming, as well as upstream bandwidth used for user-generated content. To increase bandwidth available per subscriber, nodes are often segmented to reduce the number of homes passed. However, this results in more nodes per service area, and typically the cable operator needs to deploy additional fiber to serve these nodes, which is extremely expensive. Harmonic's new DWDM solution eliminates this need for additional fiber. Using the PWRLink transmitters, multiple wavelengths can be combined onto a single fiber for forward transmission up to 30 kilometers.

"The ability to increase downstream and upstream bandwidth in a cost-effective and reliable way is critical to cable operators' success in competing with telco and satellite service providers," said Sunil Frida, Director of HFC Solutions and Strategy for Harmonic Inc. "Harmonic addresses this need with a variety of solutions including network segmentation, expansion to 1-GHz, ultra-efficient compression and switched digital video. The new PWRLink transmitters are part of our portfolio of powerful HFC solutions that are targeted at lowering cable operators' capital expenditures while offering a highly scalable architecture."

Harmonic offers a unique set of high performance video delivery solutions for cable networks, encompassing compression, stream processing, universal edgeQAMs, on-demand software and servers, and HFC broadband access. Harmonic's full range of flexible fiber-based transmission solutions includes analog/digital return path, commercial services, and scalable 1310 nm and 1550 nm CWDM/DWDM digital transport systems. Using advanced technology that leverages the operator's existing outside plant and minimizes operating costs, Harmonic's broadband network solutions deliver a wide range of residential and business services for leading cable operators around the world.

About Harmonic Inc.

Harmonic Inc. is a leading provider of versatile and high performance video solutions that enable service providers to efficiently deliver the next generation of broadcast and on-demand services including high definition, video-on-demand, network personal video recording and time-shifted TV. Cable, satellite, broadcast and telecom service providers can increase revenues and lower operational expenditures by using Harmonic's digital video, broadband optical access and software solutions to offer consumers the compelling and personalized viewing experience that is driving the business models of the future.

Harmonic (NASDAQ:HLIT) is headquartered in Sunnyvale, California with R&D, sales and system integration centers worldwide. The Company's customers, including many of the world's largest communications providers, deliver services in virtually every country. Visit [www.harmonicinc.com](http://www.harmonicinc.com) for more information.

This press release contains forward-looking statements within the meaning of Section 27(A) of the Securities Act of 1933 and Section 21(E) of the Securities Exchange Act of 1934, including statements related to: an increasing demand for downstream bandwidth and solutions targeted at lowering cable operators' capital expenditures while offering a highly scalable architecture.

Our expectations and beliefs regarding these matters and the benefits expected from the DWDM transmitters may not materialize, and actual results could differ materially from those projected. The forward-looking statements contained in this press release are also subject to other risks and uncertainties, including those more fully described in Harmonic's filings with the Securities and Exchange Commission including its recent Reports filed on Form 10-K and Form 10-Q. Harmonic does not undertake to update any forward-looking statements.

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